

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		05/01/2012		1700																																																			
4. Unit Name/Designators		5. Unit Leader			6. Operational Period :																																																		
Operations Unit/Containment Branch Monitoring Group		Name:	Dan Capone & Joe Victory (START/US EPA)		From:	05/01/2012 0600																																																	
		Position:	Operations Section Chief		To:	05/01/2012 1630																																																	
7. Personnel Roster Assigned																																																							
Name		ICS Position			DUTY CELL																																																		
Dan Capone		Operations Section Chief																																																					
Joe Victory		Operations Section Chief																																																					
Rex Johnson		Deputy Director																																																					
Dan Zahner		Field Team Lead																																																					
Karen Berez		CBM Team 2																																																					
8. Activity Log																																																							
Activity Area					LAT	LAT																																																	
					Various	Various																																																	
					(DD.MMMM)	(DD.MMMM)																																																	
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>																																																					
		<u>DENSITY OF OIL /SHEEN</u>																																																					
Total Collection Points																																																							
Total Boom Deployed																																																							
Activity		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></p> <p>Karen Berez and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 13.50. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0735- 1555: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 (C 0.0 Launch)</td> <td>56.7</td> <td>52.4</td> <td>3.8</td> </tr> <tr> <td>MP 5.25 (C0.4 Launch)</td> <td>56.5</td> <td>53.1</td> <td>2.7</td> </tr> <tr> <td>MP 10.0 (C3.2 Launch)</td> <td>55.8</td> <td>55.1</td> <td>2.5</td> </tr> <tr> <td>MP 15.0 (C5 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 18.75 (D2 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 21.5 (D5)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 27.0 (E0.5 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 30.0 (E2 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 35.0 (E3 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MP 38.0 (E4 Launch)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>AVERAGE</td> <td>56.33</td> <td>53.53</td> <td></td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	56.7	52.4	3.8	MP 5.25 (C0.4 Launch)	56.5	53.1	2.7	MP 10.0 (C3.2 Launch)	55.8	55.1	2.5	MP 15.0 (C5 Launch)				MP 18.75 (D2 Launch)				MP 21.5 (D5)				MP 27.0 (E0.5 Launch)				MP 30.0 (E2 Launch)				MP 35.0 (E3 Launch)				MP 38.0 (E4 Launch)				AVERAGE	56.33	53.53	
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WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source:
 MP 0.04: Below Source (Culvert 1):
 MP 0.27: Between Source & Division Road (Culvert 2):
 MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4):
 MP 1.09: 16 Mile Road (Culvert 5):
 MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7):
 MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9):
 MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): Very slight silver and rainbow sheen along a few $\frac{1}{16}$ " sized oil globules observed along control point and in collection area. Area of sheen is 50' x 1' = 50 sq. ft. SWAT in collection area cleaning out debris, sediment mousse and sheen.
 MP 8.50 L1 (8.48 LDB): Slight silver sheen observed within containment. Area of sheen is 3' x 2' = 6 sq. ft.
 MP 8.50 L3 (8.48 LDB): Very slight silver sheen observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.
 MP 8.75 R1: Slight silver and rainbow sheen along with several $\frac{1}{16}$ " sized oil globules observed with containment. Area of sheen is 5' x 2' = 10 sq. ft.
 MP 9.00 I2 (8.97I): Insignificant amount of silver sheen observed within containment. Not substantial enough to quantify.
 MP 10.75 LDB: No oil and/or sheen observed within containment.
 MP 11.75 L2 (11.79 LDB): No oil and/or sheen observed within containment.
 MP 14.98I:
 MP 15.65 (Battle Creek Spillway):
 MP 17.00 L1 (Rock Tenn):
 MP 21.50 Oxbow:
 MP 30.8 LDB:
 MP 37.75 (E4):

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:
 MP 2.25 to MP 5.90:
 MP 5.90 to MP 9.50: No oil and/or sheen observed on river segment.
 MP 9.50 to MP 13.75:
 MP 13.75 to MP 15.65:
 MP 15.65 to MP 18.75:
 MP 18.75 to MP 30.00:
 MP 30.00 to MP 35.25:
 MP 35.25 to MP 37.75:
 MP 37.75 to MP 40.00:

Total sheen in control points: 50 sq. ft.
 Total sheen within containment: 17 sq. ft.
 Total Sheen: 67 sq. ft.

	<p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 2 had no Situation Photo Log pictures to inspect today. But did inspect two locations that were texted to Dylan Massey from Mark Fuller while performing the over flight today.</p> <ul style="list-style-type: none">• MP 5.75 RDB: Unable to inspect area due to limited access on the northern shoreline above Ceresco Dam. Location sheen was observed on over flight is in the northwestern corner against the dam, and access on the north shoreline is just to the upstream side of the Huntzinger property.• MP 5.55 LDB: Moderate amounts of silver sheen and $\frac{1}{32}$" to $\frac{1}{16}$" sized oil globules observed in cove area just before railroad trestle.
Health and Safety Issues	None
Comments	None